

NWS Requirements For Collecting, Distributing, And Archiving WSR-88D Level II Data

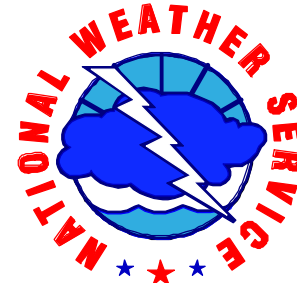
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NWS Focal Point For Operational WSR-88D Issues

18 June 2003

WSR-88D Level II Data Collection And Distribution Meeting

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NWS WSR-88D Level II Data Archive Requirements

- Support Atmospheric Research, Radar Algorithm Development, Radar Training And Other NWS Needs
 - Legacy Tape Recorders Become Unsupportable This Summer, As Anticipated
 - NWS Planned Actions To Continue To Meet Requirements
 - Recorder Replacement Funds Used To Implement NWS Level II Network
 - Advantages:
 - Greater Data Availability At NCDC
 - Increased Timeliness Of Data Availability From Archives
 - NCDC Anticipates Data Will Be Available For Request Within 24 Hours

NWS Near Real Time WSR-88D Level II Data Requirements

- New Requirement
 - Support National Centers For Environmental Prediction (NCEP) Operational Needs For Level II Data In Near Real Time
 - 1-Minute Latency
 - As Measured From Time Data Reaches A Radar's BDDS To When The Data Reaches the Univ. of MD Server
 - “Desk Top” Estimates Show The Latency To Be ~10 sec.
 - As With RPCCDS, NWS Hopes To Exceed These Requirements
 - 95% Availability
 - As Measured By The Monthly Amount Of Data, Entire Network, Reaching The Univ. of MD Server, When The Radars Are Operational
 - As With RPCCDS, NWS Hopes To Exceed These Requirements

NWS Near Real Time WSR-88D Level II Data Requirements

(Continued)

- Data From All CONUS Sites Required
 - NWS Plans To Meet These Requirements Via Proposed NWS Level II Data Collection And Distribution Network
 - NWS Plans For Interim Operational Capability (End Of 2003)
 - All NWS CONUS Sites (121) And The Following DOD Sites
- | | | |
|---|-------------------------|-----------------|
| – | <u>DOD WSR-88D Site</u> | <u>Host WFO</u> |
| – | Altus AFB, OK | Norman, OK |
| – | Columbus AFB, MS | Jackson, MS |
| – | Holloman AFB, NM | El Paso, TX |
| – | Vance AFB, OK | Norman, OK |

NWS Near Real Time Level II Data Requirements

(Continued)

- Data From All CONUS Sites Required
 - NWS Plans To Meet These Requirements Via Proposed NWS Level II Data Collection And Distribution Network
 - NWS Plans For Full Operational Capability (End Of 2004)
 - All NWS CONUS Sites (121) And The Following DOD Sites

<u>DOD WSR-88D Site</u>	<u>Host WFO</u>
– Altus AFB, OK	Norman, OK
– Cannon AFB, NM	Albuquerque, NM
– Columbus AFB, MS	Jackson, MS
– Dover AFB, DE	Wakefield, VA
– Dyess AFB, TX	Fort Worth, TX
– Eglin AFB, FL	Mobile, AL
– Fort Drum, NY	Burlington, VT
– Holloman AFB, NM	El Paso, TX
– Robbins AFB, GA	Atlanta, GA
– Laughlin AFB, TX	New Braunfels, TX
– Vance AFB, OK	Norman, OK